

Amendments to the Claims

This listing of claims replaces all previous listings of claims.

Listing of Claims:

1. (Currently amended) A method of diagnosing multiple sclerosis in a subject, the method comprising

providing a [[test]] blood sample from a subject; detecting in said [[test]] blood sample an anti-Glc (α 1-4) Glc (α) IgM type antibody; and

comparing the levels of said antibody in said [test]] blood sample to the levels of said antibody in a normal control sample, wherein a higher level of said antibody in said [[test]] blood sample compared to the level of said antibody in a normal control sample is indicative of multiple sclerosis,

thereby diagnosing multiple sclerosis in said subject, wherein said diagnosis is after a first neurological attack and prior to a second neurological attack.

2. (Currently amended) The method of claim 1, wherein said method further comprises

detecting a second antibody, wherein said second antibody is an anti-Glc (α)_IgM type antibody, and

comparing the levels of the second antibody in said [[test]] blood sample to the levels of the second antibody in a normal control sample, wherein a higher level of said antibody in said [[test]] blood sample compared to the level of said antibody in a normal control sample is indicative of multiple sclerosis;

thereby diagnosing multiple sclerosis in said subject.

3. (Cancelled)

4. (Currently amended) The method of claim 1, wherein said control sample is obtained from a population of one or more individuals that do not show multiple sclerosis symptoms[[]].

5. (Canceled)

6.- 8. (Canceled)

9. (Previously Presented) The method of claim 1, wherein said subject is a female.

10. (Previously Presented) The method of claim 1, wherein said subject is a male.

11.-16. (Cancelled)

17. (Previously presented) The method of claim 1, wherein said normal control sample is obtained from a group consisting of one or more individuals, wherein said group consisting of one or more individuals is determined using an Expanded Disability Status Scale (EDSS) assessment or a Magnetic Resonance Imaging (MRI) assessment.

18. (Previously presented) The method of claim 1, wherein said normal control sample is obtained from a group consisting of one or more individuals, wherein said group consisting of one or more individuals is determined using an Expanded Disability Status Scale (EDSS) assessment.

19.-59. (Canceled)

60. -69. (Canceled)